

CLAIMS

What is claimed is:

- 1 1. A computer-implemented method for automatically creating linked computer context, comprising:
 - 2 a) removing user-selected content from a parent context;
 - 3 b) creating and automatically naming a new context comprising said user-selected content; and
 - 4 c) inserting a reference to said new context in said parent context, wherein said reference comprises a uniquely identifying function of a name of said new context.
- 1 2. The method of claim 1 wherein said parent context and said new context are selected from the group consisting of files, web pages, windows, frames, buffers, and sticky notes.
- 1 3. The method of claim 1 wherein said name comprises a uniquely identifying function of a timestamp at which said new context creation occurs.
- 1 4. The method of claim 1 wherein said reference is a hyperlink.
 - 1 5. The method of claim 4 wherein said hyperlink is an expandable hyperlink capable of being associated with user-inserted linked text.
- 1 6. The method of claim 1, further comprising inserting a back-reference to said parent context in said new context.
- 1 7. The method of claim 6 wherein said back-reference points to a particular location within said parent context.
- 1 8. The method of claim 7 wherein said particular location is a location of said reference.

1 9. The method of claim 6 wherein said back-reference is an invisible
2 back-reference.

1 10. The method of claim 1, further comprising providing an editing means by
2 which a user views and edits said new context.

1 11. The method of claim 10 wherein said editing means is provided in
2 dependence on selection of said reference by said user.

1 12. The method of claim 11 wherein said editing means is provided
2 without requiring said user to supply said name.

1 13. The method of claim 10, further comprising creating and saving a new
2 version of said new context upon providing said editing means.

1 14. The method of claim 13 wherein said new version is named
2 with a uniquely identifying function of a timestamp at which
3 said new version is created.

1 15. The method of claim 13 wherein said new context and said new
2 version of said new context are stored in a directory, and
3 wherein said editing means provides a selected version of said
4 new context in said directory.

1 16. The method of claim 15 wherein said selected version is
2 a most recent version.

1 17. The method of claim 15 wherein said selected version is
2 selected by said user.

1 18. The method of claim 10 wherein said editing means comprises a
2 context named by user-inserted linked text associated with said
3 reference.

19. The method of claim 18, further comprising recording said user-inserted linked text in a history list when said editing means is provided.
20. The method of claim 1, further comprising storing said new context in a directory, wherein said directory is named with a uniquely identifying function of a timestamp at which said context creation occurs.
21. The method of claim 1, further comprising creating an icon representing said new context when said user-selected content is dragged from a parent editing means.
22. The method of claim 1, further comprising repeating steps (a), (b), and (c) for said new context to create an additional new context, wherein said new context is a parent of said additional new context.
23. The method of claim 1, further comprising repeating steps (a), (b), and (c) for additional user-selected content in said parent context to create an additional new context.

A method for presenting linked computer contexts for viewing by a user, wherein said linked computer contexts comprise a parent context and at least one version of a child context, each version comprising revisions of an original child context at different times, said method comprising, in response to a user command:

- a) opening a viewer containing contents of a selected version of said child context, wherein said contents are selected in part in dependence on a user-selected reference in said parent context to said child context; and
- b) creating and saving a new version of said child context comprising said contents.

25. The method of claim 24 wherein said selected version is a most recent version of said child context.
26. The method of claim 24 wherein said selected version is selected by said user.

27. The method of claim 24 wherein said versions of said child context are stored in a single directory.
28. The method of claim 24 wherein said viewer is named by linked text associated with said reference.
29. The method of claim 24 wherein said versions of said child context are named by uniquely identifying functions of timestamps at which said versions are created.
30. The method of claim 24, further comprising providing editing means for said user to edit said contents in said viewer.

A method for presenting contents of linked computer contexts for editing by a user, comprising, in response to a user command and selection of a particular reference in a source context, providing an editor containing contents of a target context that is linked to by said particular reference, wherein a context of said editor is named by linked text associated with said reference.

A program storage device accessible by a computer, tangibly embodying a program of instructions executable by said computer to perform method steps for automatically creating hyperlinked computer context, said method steps comprising:

- a) removing user-selected content from a parent context;
- b) creating and automatically naming a new context comprising said user-selected content; and
- c) inserting a reference to said new context in said parent context, wherein said reference comprises a uniquely identifying function of a name of said new context.

33. The program storage device of claim 32 wherein said parent context and said new context are selected from the group consisting of files, web pages, windows, frames, buffers, and sticky notes.

- 34. The program storage device of claim 32 wherein said name comprises a uniquely identifying function of a timestamp at which said new context creation occurs.
- 35. The program storage device of claim 32 wherein said reference is a hyperlink.
 - 36. The program storage device of claim 35 wherein said hyperlink is an expandable hyperlink capable of being associated with user-inserted linked text.
- 37. The program storage device of claim 32 wherein said method steps further comprise inserting a back-reference to said parent context in said new context.
 - 38. The program storage device of claim 37 wherein said back-reference points to a particular location within said parent context.
 - 39. The program storage device of claim 38 wherein said particular location is a location of said reference.
 - 40. The program storage device of claim 37 wherein said back-reference is an invisible back-reference.
- 41. The program storage device of claim 32 wherein said method steps further comprise providing an editing means by which a user views and edits said new context.
 - 42. The program storage device of claim 41 wherein said editing means is provided in dependence on selection of said reference by said user.
 - 43. The program storage device of claim 42 wherein said editing means is provided without requiring said user to supply said name.

1 44. The program storage device of claim 41 wherein said method steps
2 further comprise creating and saving a new version of said new context
3 upon providing said editing means.

1 45. The program storage device of claim 44 wherein said new
2 version is named with a uniquely identifying function of a
3 timestamp at which said new version is created.

1 46. The program storage device of claim 44 wherein said new
2 context and said new version of said new context are stored in a
3 directory, and wherein said editing means provides a selected
4 version of said new context in said directory.

1 47. The program storage device of claim 46 wherein said
2 selected version is a most recent version.

1 48. The program storage device of claim 46 wherein said
2 selected version is selected by said user.

1 49. The program storage device of claim 41 wherein said editing means
2 comprises a context named by user-inserted linked text associated with
3 said reference.

1 50. The program storage device of claim 49 wherein said method
2 steps further comprise recording said user-inserted linked text
3 in a history list when said editing means is provided.

1 51. The program storage device of claim 32 wherein said method steps further
2 comprise storing said new context in a directory, wherein said directory is
3 named with a uniquely identifying function of a timestamp at which said
4 context creation occurs.

52. The program storage device of claim 32 wherein said method steps further comprise creating an icon representing said new context when said user-selected content is dragged from a parent editing means.
53. The program storage device of claim 32 wherein said method steps further comprise repeating steps (a), (b), and (c) for said new context to create an additional new context, wherein said new context is a parent of said additional new context.
54. The program storage device of claim 32 wherein said method steps further comprise repeating steps (a), (b), and (c) for additional user-selected content in said parent context to create an additional new context.